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**State of Utah**  
**DEPARTMENT OF NATURAL RESOURCES**  
**Division of Oil, Gas & Mining**

MICHAEL R. STYLER  
Executive Director

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Division Director

**Inspection Report**  
**Minerals Regulatory Program**  
May 15, 2006

Supervisor 

**Mine Name:** Mayfield Quarry  
**Operator Name:** Phyllis Bown (Danny Bown)

**Permit number:** M/039/011  
**Inspection Date:** May 10, 2006  
**Time:** 4:30 pm

**Inspector(s):** Lynn Kunzler, DOGM  
**Other Participants:** none  
**Mine Status:** Active

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Soils	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Purpose of Inspection:**

This was a routine inspection while in the area. I met with Danny Bown at the Nine Mile Quarry (S/039/010). He indicated that he could not accompany me on this inspection and asked I call after the inspection to discuss any problems.

**Inspection Summary:**

1 & 7. This site is considered active at the time of this inspection and is permitted as a small mining operation. There has been significant changes since the last inspection. Most of the original permit area has been regraded and seeded prior to an inspection in 2004. at that time, the operator was requested to submit an amendment showing the location of expansion, approximately 600 feet to the east. (about 2 acres had been opened up). This inspection has found this pit has expanded to the north, and has now affected approximately 7.75 acres (including access road), with 2.93 acres having been regraded (since fall of 2005). There is still 1.53 acres of the original area that has not been reclaimed, for a total of 9.28 acres of disturbance that would be considered for determining a large mining operation.

*Note, this operation has affected approximately 14.18 acres. The operator has not requested release of any of his reclaimed areas. Of the 14.18 acres, 6.45 acres is active disturbance, 2.93 acres have been regraded, about 3.65 acres was regraded and seeded in 2003 (this is third growing season) and approximately 1.25 acres was regraded and seeded over 4 years ago.*

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8. Apparently the operation has not been salvaging all available topsoil as he has expanded the site. Although there is only a few inches of a stony soil available, the operator should be making every effort to salvage these soils. Since this is on an area that has not been amended to the original permit, the Division should not grant any variance (retroactively) for meeting revegetation success on this area. The operator may need to import or borrow soil for reclamation.
9. Desirable vegetation was observed growing on the 1.25 acres that was reseeded 4+ years ago. Considering the sparse vegetation in the PJ community, it may meet revegetation success criteria. However, this was not evaluated since there has been no request for release.

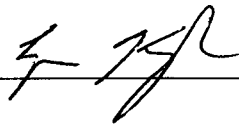
Photos were taken to document site conditions.

**Conclusions and Recommendations:**

1. Cessation Order #MC-06-01-01(1) was issued for Conducting Mining related activities outside permitted area, failure to submit a permit revision (amendment) prior to making significant changes in the mining operation, and disturbing more than 5 acres prior to submitting and having an approved Large Mining Permit.

Continue to monitor this site when in the area.

Inspector's Signature



Date: May 15, 2006

LK:pb

cc: Phyllis Bown, Operator

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